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**Fax Transmission | January 4, 2005**TO: Commissioner for Patents  
Attn: Examiner Robert C. Hayes  
P.O. Box 1450  
Alexandria, VA 22313-1450

FROM: Katherine M. Kowalchyk

OUR REF: 11669.171USC5  
TELEPHONE: 612.371.5311Total pages, including cover letter: 28PTO FAX NUMBER 1-703.872.9306

If you do NOT receive all of the pages, please telephone us at 612.371.5204, or fax us at 612.332.9081.

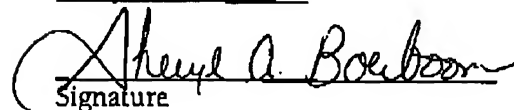
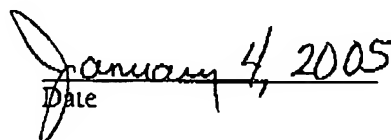
Title of Document Transmitted:

COMMUNICATION WITH ATTACHMENTSApplicant: VANDLEN ET AL.Serial No.: 10/022,609Filed: DECEMBER 17, 2001Group Art Unit: 1647Our Ref. No.: 11669.171USC5Confirmation No. 5365

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

By: Katherine M. Kowalchyk  
Name: Katherine M. Kowalchyk  
Reg. No.: 36,848

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

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JAN 04 2005

S/N 10/022,609

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: VANDLEN ET AL. Examiner: R. HAYES  
Serial No.: 10/022,609 Group Art Unit: 1647  
Filed: DECEMBER 17, 2001 Docket No.: 11669.171USC5  
Confirmation No.: 5365 Customer No.: 23552  
Title: STRUCTURE, PRODUCTION AND USE OF HEREGULIN 2  
LIGANDS

CERTIFICATE UNDER 37 CFR 1.6(d)

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on January 4, 2005.

By: Sheryl A. Boelboom  
Name: Sheryl A. BoelboomCOMMUNICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants have previously submitted an Information Disclosure Statement and Form 1449 on January 9, 2004. Applicants have not received an initialed 1449. Applicants request that the Examiner consider the references, initial the PTO 1449 form and return to Applicants. Also enclosed as a courtesy, please find a copy of the references entitled "Paper No. 7 dated March 20, 1995 from the history of Serial No. 08/096,277, now U.S. Patent No. 5,875,482 and Paper No. 8 dated June 29, 1995 from file history of Serial No. 08/096,277, now U.S. Patent No. 5,875,482" which were listed on the Form 1449.

**23552**

PATENT TRADEMARK OFFICE

Respectfully submitted,

MERCHANT & GOULD P.C.  
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Date: January 4, 2005

Katherine M. Kowalchuk  
Katherine M. Kowalchuk  
Reg. No. 36,848  
KMK:sab

Date Mailed: JANUARY 9, 2004

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 11669.171USC5	Application Number: 10/022,609
	Applicant: VANDLEN ET AL.	
	Filing Date: DECEMBER 17, 2001	Group Art Unit: 1647

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Maniatis et al., "Molecular Cloning: A Laboratory Manual", 1st edition, New York Cold Spring Harbor Lab Press, Chapter 12, pps. Selected pages (1982)
		Nosoh et al., "Protein Stability and Stabilization through Protein Engineering", New York, New York: Ellis Horwood Ltd., pp. 26, 27, 55-56, 62, 143, 180 (1991)
		Paper No. 7 dated March 20, 1995 from the history of Serial No. 08/096,277, now U.S. Patent No. 5,875,482, authored by Lawrence H. Posorske, publicly available as of the issue date of the patent of November 26, 1996
		Paper No. 8 dated June 29, 1995 from file history of Serial No. 08/096,277, now U.S. Patent No. 5,875,482, authored by U.S. PTO Examiner, publicly available as of issue date of the patent of November 26, 1996

**23552**

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EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

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